# PDR RID Report

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**RID ID** PDR 61
**Review** FOS
**Originator Ref** TS004
**Priority** 2

**Section** **Page** **Figure Table**

**Category Name** Design **Actionee** HAIS
**Sub Category**
**Subject** Visibility into Tailored Mode Displays

**Description of Problem or Suggestion:**

The FOT (running in mirrored mode) may need the capability to view displays that an IST user has created in tailored mode. Does the FOS design accomodate this feature?

**Originator's Recommendation**

Investigate. If the design does not currently support this feature, assess impact of providing it.

**GSFC Response by:** **GSFC Response Date**

**HAIS Response by:** D. Herring **HAIS Schedule** 1/13/95
**HAIS R. E.** D. Dunn **HAIS Response Date** 1/20/95

The FOS is providing the following features which allow both the FOT and IST users to view/display identical telemetry point information concurrently:

FOS display page definitions will be globally available so that they may be accessed and utilized by all FOS users (FOT and IST). Therefore, an EOC FOT user will have the capability to display the same pages as those created and used by IST users.

The FOS Resource Management subsystem will maintain telemetry mode flags that indicate whether a given telemetry decommutator (EOC or IST) is processing in mirrored or tailored mode. These flags will be displayable, thus permitting users to view their own and other user's telemetry subsystem configuration modes. By viewing these displays, the FOT is able to confirm whether the IST user's telemetry is being processed using mirrored mode and may request that an IST user change modes.

While joined to a string, a user in tailored telemetry mode will be provided a mechanism for entering mirrored mode. Tailored to mirrored mode transitioning will be transparent to the user, except for the delay required to stop tailored mode processing and start new mirrored mode telemetry processing.

The FOS will also provide the capability for users in mirrored telemetry mode to enter tailored mode. Users may then make any adjustments to their local telemetry processing configuration without effecting those in mirrored mode.

We are investigating alternative mechanisms of synchronizing mirrored mode telemetry configurations and of storing RTS telemetry configuration snapshots so that configurations may be recalled at later dates. It is our concept that the solutions for either of these may be directly applicable to tailored mode telemetry users (either through synchronization of tailored telemetry processes, or by recall of saved tailored configurations).

If tailored IST configuration information is made accessible to the EOC, it would be possible for FOT users to switch to tailored mode and process telemetry using the IST configuration.

Our solution and design will be presented at the FOS CDR.

**Status** **Closed** **Date Closed** **2/1/95** **Sponsor** **Johns**

****** **Attachment if any** ******